

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

- 1- 3. canceled.
4. (currently amended) A catalyst for use in oxidation or reduction reactions, the catalyst comprising platinum, indium, and at least one of tungsten, iron, and manganese. The catalyst of claim 7, wherein platinum is at a concentration that is between about 5 and about 65 atomic percent.
5. (currently amended) A catalyst for use in oxidation or reduction reactions, the catalyst comprising platinum, indium, and at least one of tungsten, iron, and manganese. The catalyst of claim 7, wherein indium is at a concentration that is between about 5 and about 80 atomic percent.
6. (currently amended) The catalyst of claim 3-5-3 7 wherein indium is at a concentration that is between about 5 and about 50 atomic percent.
7. (previously presented) A catalyst for use in oxidation or reduction reactions, the catalyst comprising platinum, indium, and at least one of tungsten, iron, and manganese wherein tungsten, iron, manganese, or a combination thereof is at a concentration that is between about 10 and about 85 atomic percent.
8. (currently amended) The catalyst of claim -4- 7 wherein platinum is at a concentration that is between about 5 and about 60 atomic percent, and indium is at a concentration that is between about 5 and about 50 atomic

percent, and tungsten, iron, manganese, or a combination thereof is at a concentration that is between about 10 and about 85 atomic percent.

9. (currently amended) The catalyst of claim ~~4~~ 7 wherein platinum is at a concentration that is between about 10 and about 50 atomic percent, indium is at a concentration that is between about 10 and about 40 atomic percent, and tungsten, iron, manganese, or a combination thereof is at a concentration that is between about 20 and about 70 atomic percent.

10. (currently amended) The catalyst of claim ~~4~~ 7 wherein platinum is at a concentration that is between about 10 and about 30 atomic percent, indium is at a concentration that is between about 5 and about 30 atomic percent, and tungsten is present in the catalyst at a concentration that is between about 40 and about 80 atomic percent.

11. (currently amended) The catalyst of claim ~~4~~ 7 wherein platinum is at a concentration that is between about 50 and about 60 atomic percent, indium is at a concentration that is between about 20 and about 30 atomic percent, and tungsten is present in the catalyst at a concentration that is between about 15 and about 25 atomic percent.

12. (currently amended) The catalyst of claim ~~4~~ 7 wherein platinum is at a concentration that is between about 25 and about 65 atomic percent, indium is at a concentration that is between about 5 and about 50 atomic percent, and iron is present in the catalyst at a concentration that is between about 10 and about 60 atomic percent.

13. (currently amended) The catalyst of claim ~~4~~ 7 wherein platinum is at a concentration that is between about 30 and about 50 atomic percent, indium is at a concentration that is between about 15 and about 45 atomic

percent, and iron is present in the catalyst at a concentration that is between about 15 and about 50 atomic percent.

14. (currently amended) The catalyst of claim ~~4~~ 7 wherein platinum is at a concentration that is between about 45 and about 55 atomic percent, indium is at a concentration that is between about 20 and about 30 atomic percent, and iron is present in the catalyst at a concentration that is between about 20 and about 30 atomic percent.

15. (currently amended) The catalyst of claim ~~4~~ 7 wherein platinum is at a concentration that is between about 10 and about 50 atomic percent, indium is at a concentration that is between about 5 and about 30 atomic percent, iron is present in the catalyst at a concentration that is between about 15 and about 80 atomic percent, and manganese is present in the catalyst at a concentration that is between about 1 and about 15 atomic percent.

16. (currently amended) The catalyst of claim ~~4~~ 7 wherein platinum is at a concentration that is between about 30 and about 45 atomic percent, indium is at a concentration that is between about 15 and about 30 atomic percent, iron is present in the catalyst at a concentration that is between about 20 and about 45 atomic percent, and manganese is present in the catalyst at a concentration that is between about 3 and about 12 atomic percent.

17. (previously presented) The catalyst of claim 4 wherein platinum is at a concentration that is between about 10 and about 50 atomic percent, indium is at a concentration that is between about 10 and about 80 atomic percent, and manganese is present in the catalyst at a concentration that is no more than about 60 atomic percent.

18. (currently amended) The catalyst of claim 4— 7 wherein platinum is at a concentration that is between about 20 and about 40 atomic percent, indium is at a concentration that is between about 40 and about 70 atomic percent, and manganese is present in the catalyst at a concentration that is between about 5 and about 40 atomic percent.

19. (currently amended) The catalyst of claim 4— 7 wherein platinum is at a concentration that is between about 25 and about 35 atomic percent, indium is at a concentration that is between about 50 and about 70 atomic percent, and manganese is present in the catalyst at a concentration that is between about 10 and about 30 atomic percent.

20. (currently amended) The catalyst of claim 4— 7 wherein platinum is at a concentration that is between about 25 and about 65 atomic percent, indium is at a concentration that is no more than about 55 atomic percent, tungsten is present in the catalyst at a concentration that is no more than about 40 atomic percent, and manganese is present in the catalyst at a concentration that is no more than about 40 atomic percent.

21. (currently amended) The catalyst of claim 4— 7 wherein platinum is at a concentration that is between about 35 and about 55 atomic percent, indium is at a concentration that is between about 10 and about 40 atomic percent, tungsten is present in the catalyst at a concentration that is between about 10 and about 30 atomic percent, and manganese is present in the catalyst at a concentration that is between about 10 and about 30 atomic percent.

22 - 30. canceled.

31. (previously presented) The catalyst of claim 5 wherein platinum is at a concentration that is between about 5 and about 65 atomic percent.

32. (previously presented) The catalyst of claim 6 wherein platinum is at a concentration that is between about 5 and about 65 atomic percent.

33. (previously presented) The catalyst of claim 7 wherein platinum is at a concentration that is between about 5 and about 65 atomic percent.